

**PERIODIC INTERFACE CALIBRATION
FOR HIGH SPEED COMMUNICATION**

ABSTRACT

- 5 [0059] A high-speed communication interface manages a parallel bus having N bus lines. N+1 communication lines are established. A maintenance operation is performed on one of the N+1 communication lines, while N of the N+1 communication lines is available for data from the N line bus. The communication line on which the maintenance operation is performed, is changed after the operation is complete, so that all
10 of the N+1 communication lines are periodically maintained, without interfering with communications on N of the N+1 communication lines.